

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04B7/185

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 367 209 A (MOTOROLA INC) 27 March 2002 (2002-03-27)  abstract page 1, line 16 - line 22 page 4, line 4 - line 30 page 5, line 1 - line 18 page 10, line 16 - line 30 claim 11	1,2, 8-11,13, 16-25
X	EP 0 321 672 A (MOTOROLA INC) 28 June 1989 (1989-06-28)  column 2, line 16 - line 22 column 3, line 43 - line 55 column 7, line 2 - line 12 column 5, line 17 - line 38 claim 1	1,2, 8-11,13, 16-25
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\* & \* document member of the same patent family

Date of the actual completion of the international search

17 December 2004

Date of mailing of the international search report

12/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Draper, A

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/097718 A1 (MCDONALD DANIEL J ET AL) 25 July 2002 (2002-07-25) paragraph '0002! paragraph '0004! paragraph '0024! paragraph '0033! - paragraph '0034! -----	2
A	L. WOOD, H. CRUICKSHANK, Z. SUN: "Supporting Group Applications via Satellite Constellations with Multicast" PROCEEDINGS OF THE SIXTH IEE CONFERENCE ON TELECOMMUNICATIONS, ICT98, 29 March 1998 (1998-03-29), - 1 April 1998 (1998-04-01) pages 190-194, XP002311289 EDINBURGH UK the whole document -----	
A	PATENT ABSTRACTS OF JAPAN vol. 0081, no. 27 (E-250), 14 June 1984 (1984-06-14) & JP 59 037742 A (NIPPON DENKI KK), 1 March 1984 (1984-03-01) abstract -----	

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/EP2004/051690

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2367209	A	27-03-2002	NONE	
EP 0321672	A	28-06-1989	US 4821310 A	11-04-1989
			AT 107457 T	15-07-1994
			DE 3850231 D1	21-07-1994
			DE 3850231 T2	22-12-1994
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